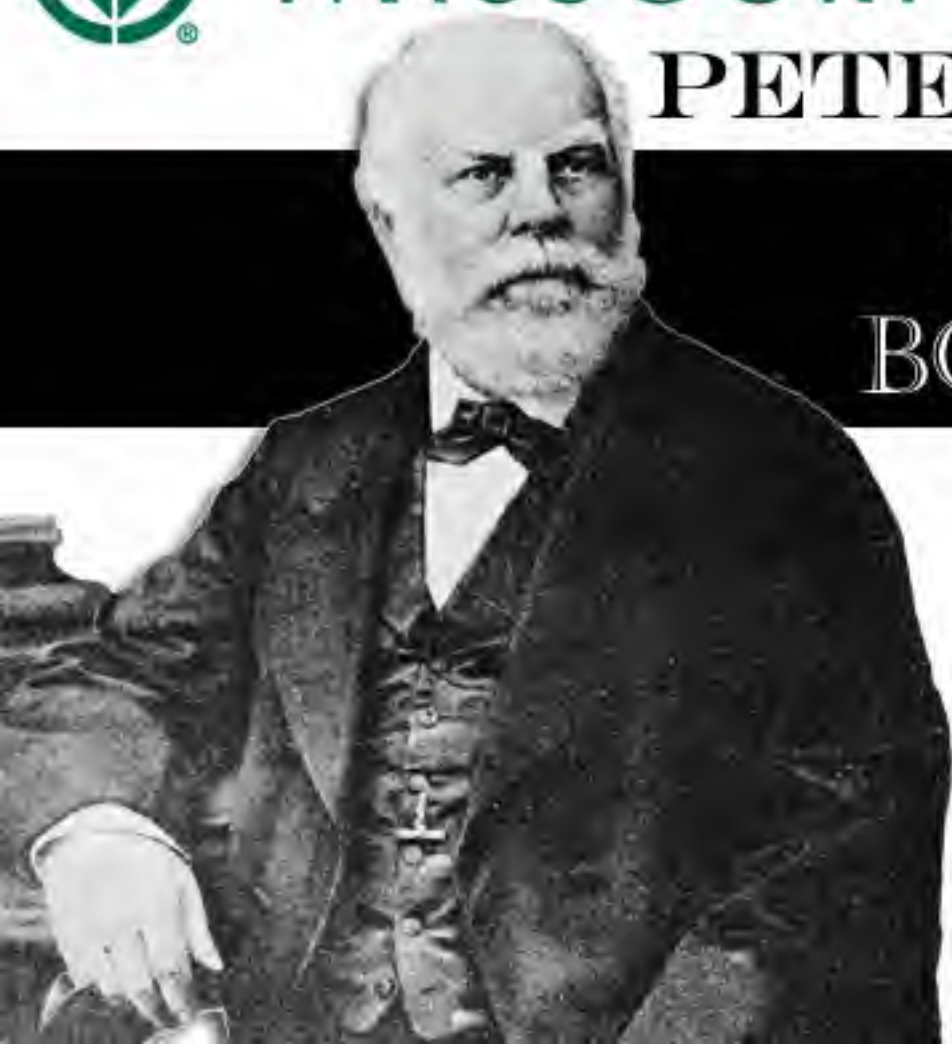




# MISSOURI BOTANICAL GARDEN PETER H. RAVEN

GEORGE ENGELMANN  
BOTANICAL




*Since  
page  
online  
nu*



157

26

*Euph. thymifolia* L.

*d. glaberrima*   
*p. Durmanti*

*Ind. or.*

*Afr.*

*Am. ant.*

558-568



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Leaves the - foli - Li

a. fol. latioribus grosse serratis  
glabrisculis

b. fol. angustioribus parvis  
serratisque serratis puberulis  
(Burmianum) glab. x

c. microphylla foliis  
integerrimis glandulis  
cutis appressatis

x portuensis Scape  
appressatis



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27 24.7 *parviflora* *Trindl.*



*Euphorbia*  
*Mongelore, Madras*, C. Sutter 1847  
 Herb. A. Bern.

annua patula s. prostrata puberula  
 foliis e basi late obtusis <sup>s. subcordatis</sup> obliquis  
 ovatis, argute vix apice obtusis  
 serratis, capsulis nudis, super <sup>parvis</sup> pilosis  
 stipellis subulatis fissis puberulis  
 glandulis <sup>densis</sup> foliosis lateralibus  
 involucris parvis <sup>dors. prof. fissis</sup> glandulis  
 minutis, capsulis lobatis  
 lobis longioribus lanceolatis  
 stipularibus ad medium bifidis  
 acutis, stipulis <sup>divaricatis</sup>  
 capsulis puberulis acutis angulatis  
 seminibus ovatis acutis angulatis  
 transversis undulatis.



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Leaves scarcely more than 2 l.  
long and  $1\frac{1}{2}$  l. wide.  
involucre and seed 0.3 l. long,  
caps. ~~about~~ 0.4 and 0.5 l. long.

The name "thyrsifolia" would  
not be bad.



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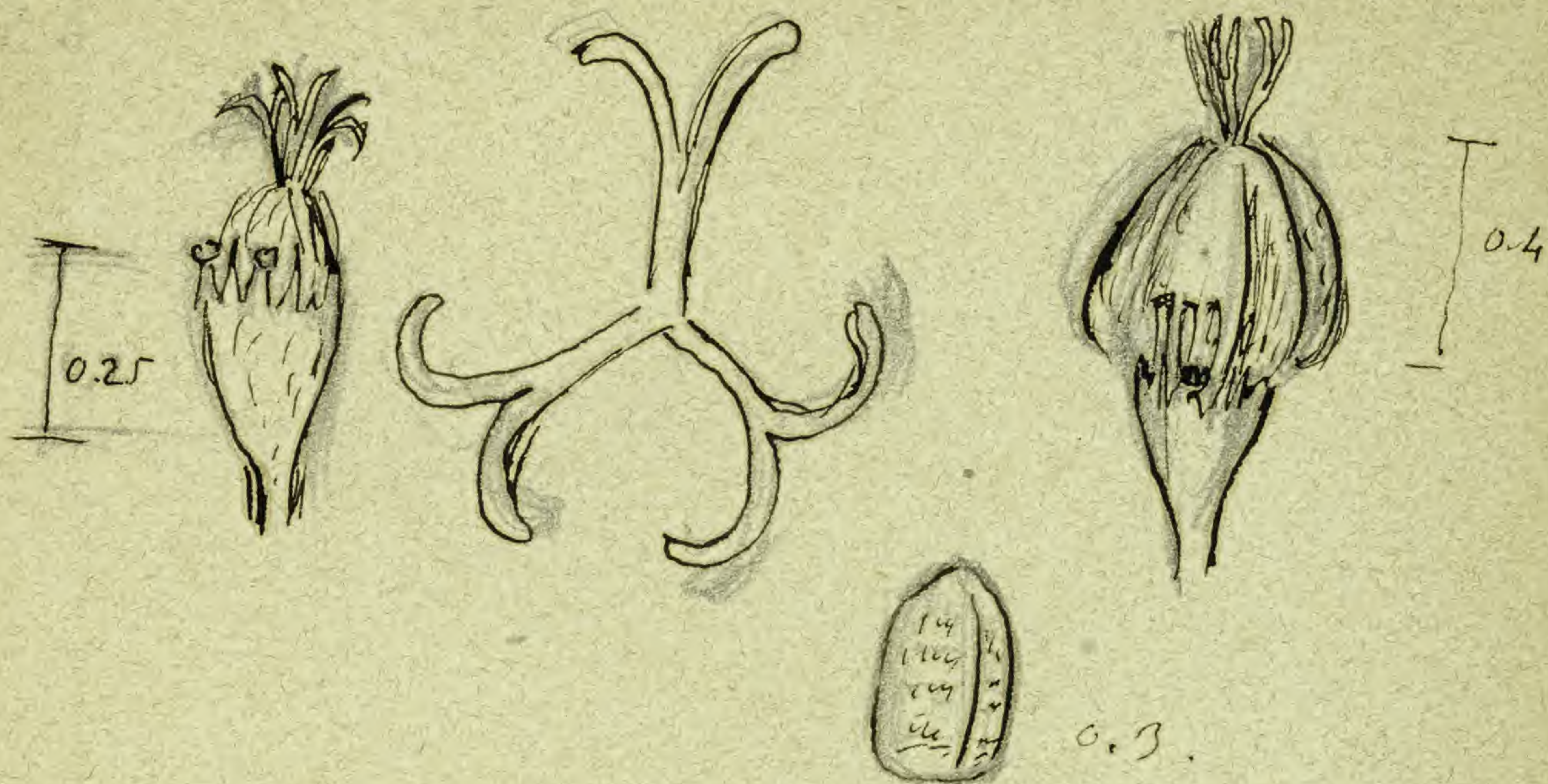
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Euphorbia



Euphorbia thymifolia.

Utah

Java

(Herb. Gattung)

prostrata caule puberula  
 foliis ovato-oblongis basi oblique  
 versis apice dentatis superius  
 sparse pilosis  
 glomeratis patentibus compactis  
 apophyllis  
 involucri parvis, glandulis stipitis  
 minutis nudis;  
 stylis ad medium divisis (stigmatibus  
 2 variis), ovario angulato  
 capsula erecta acutiusculata  
 pilosa  
 sem. parvis, ovatis acutiusculatis  
 transversis undulatis



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leaves 2 l by 1 l wide only  
 nodules not quite 0.3 l. by  
 with 0.2 l.  
 cups 0.4 l. by  
 same 0.3 l. by



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*Orthocarpus*

Euph.

Amazon River, Poeppig 2175

27



*s. nuduscula*

anthera prostrata puberula, foliis  
subnullis, ~~oblongo~~ linearibus oblongis  
obtusis basi cordatis, integerrimis  
nerviis parvis versus apicem  
serratis; glomerulis <sup>pseud.</sup> axillaribus  
subaphyllis. stipulis laciniatis  
involucris <sup>puberulis</sup> oblongis, fissis; laciniis  
glandulas inappressas superantibus  
capulis acutiusculis pyramidalibus  
subnullis; puberulis at angulis  
stylis ad medium bifidis, basi  
connatis, ~~et~~ ovario aequalibus  
stigma clavellatis, seminis minutis,  
0.3 longis, acutiusculis, granulatis  
angulis subcrenatis. <sup>s. subnullis</sup>

Poeppig. 3099, mouth of Amazon. is the same  
plant; foliis oblongo-linearibus, seminibus  
angustioribus;

write



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- part

Lieber fl. Martiana N 121  
is the same plant, only leaves  
a little more distinctly serrate,  
posterior glands larger than the  
anterior ones, none appressed;  
Involucrum deeply slit;  
seed and every thing else same

Same number 131 is also

Dioica!

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7710 Wallich 24. 2. 2. 2. 2.  
~~E. parviflora L. Herb. A. O. 2. 2.~~



0.3

sem 0.3 or 0.35 very

irregularly marked, undulate

involucres united dorsally for 10

glabrous, angustate

appressed

style ovate, carinate

longer than a seed

fissile, inflexed. dimidiate

filiform

~~stem & leaves = Thea~~

same as Lutter's plant, but seed  
 less distinctly undulate



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Asclepias dist.  
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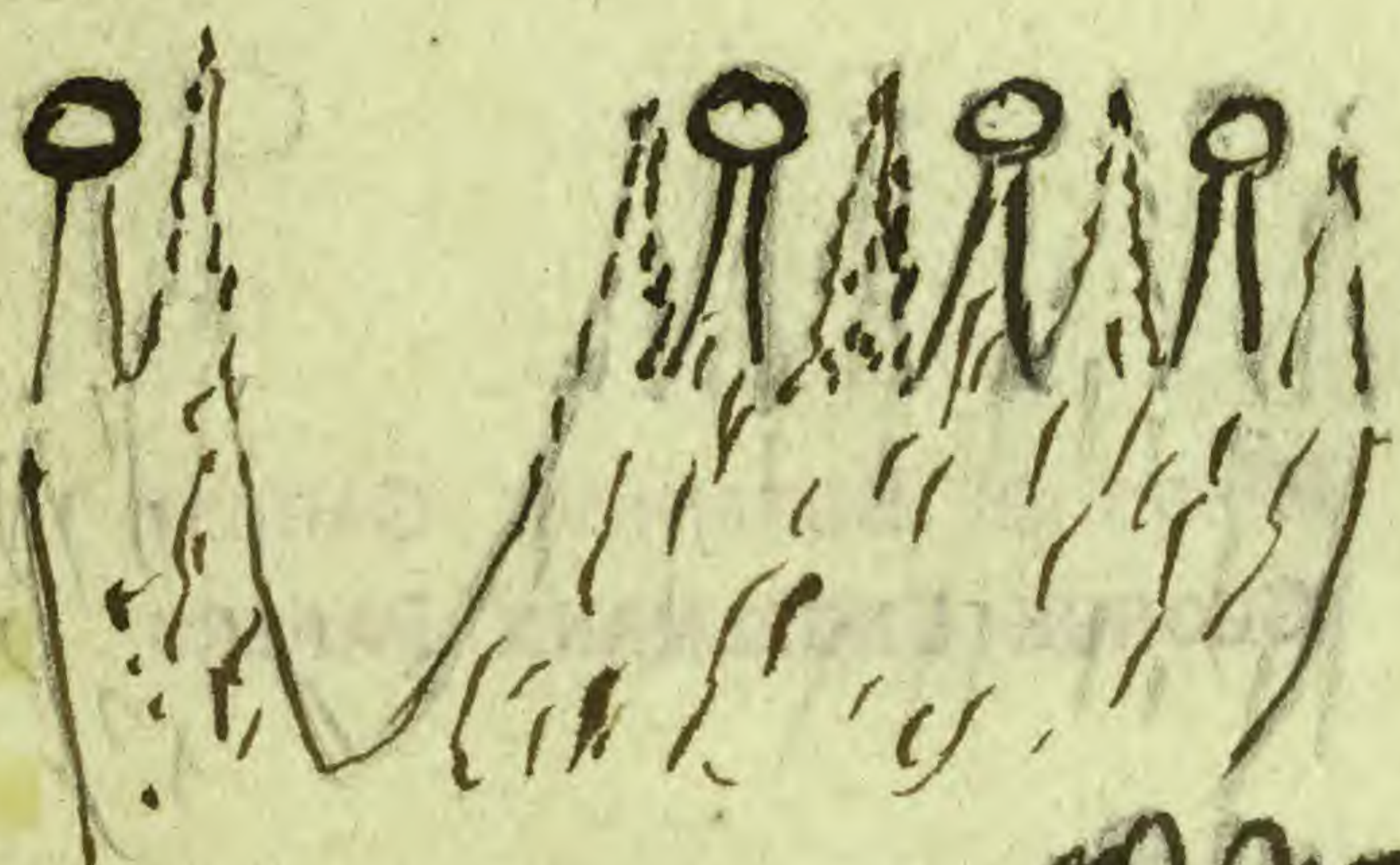
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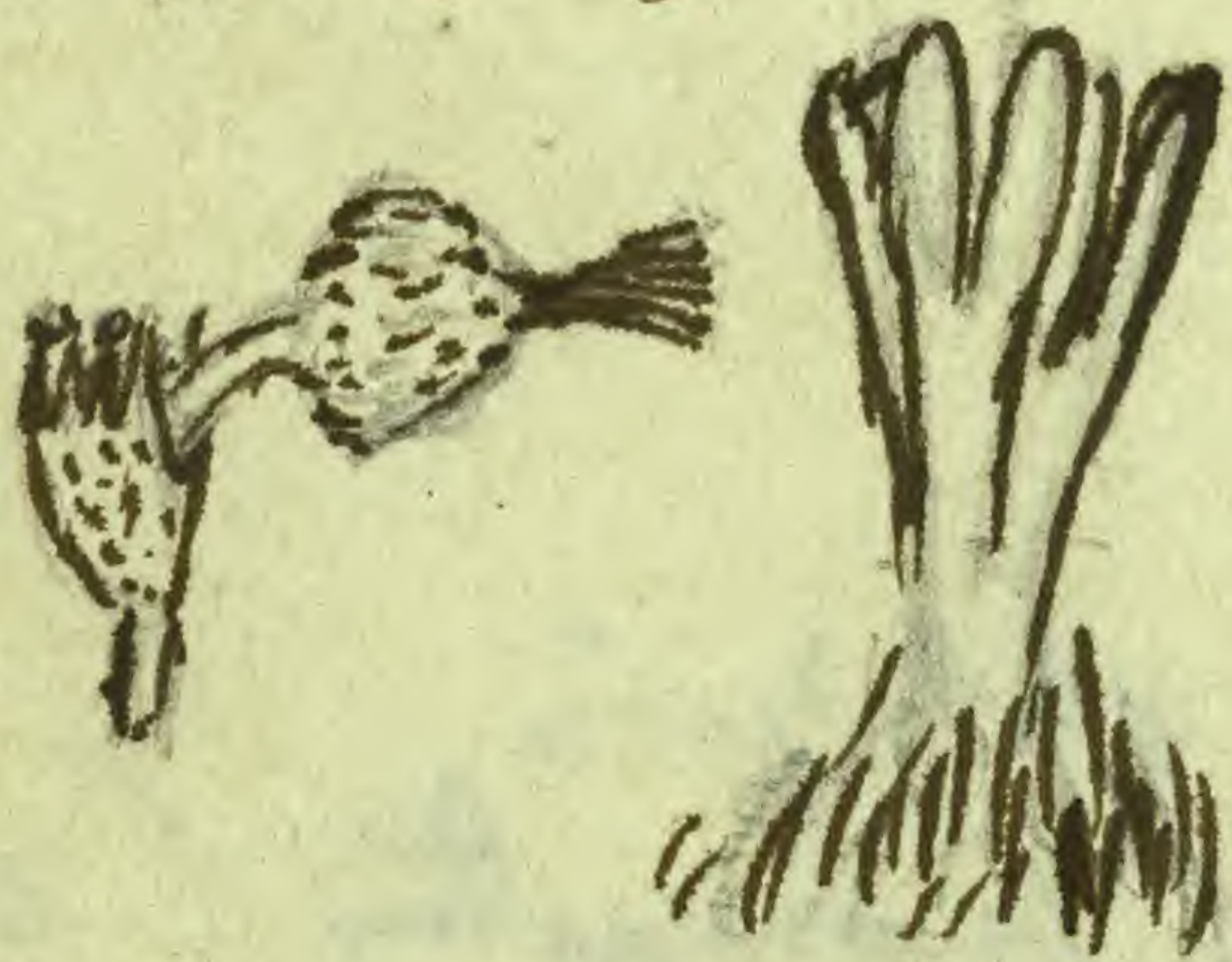
27.5

26 Chagres, Funch. 278



Е. родадина

4-1/2



0.3 x 0.15

[illegible]

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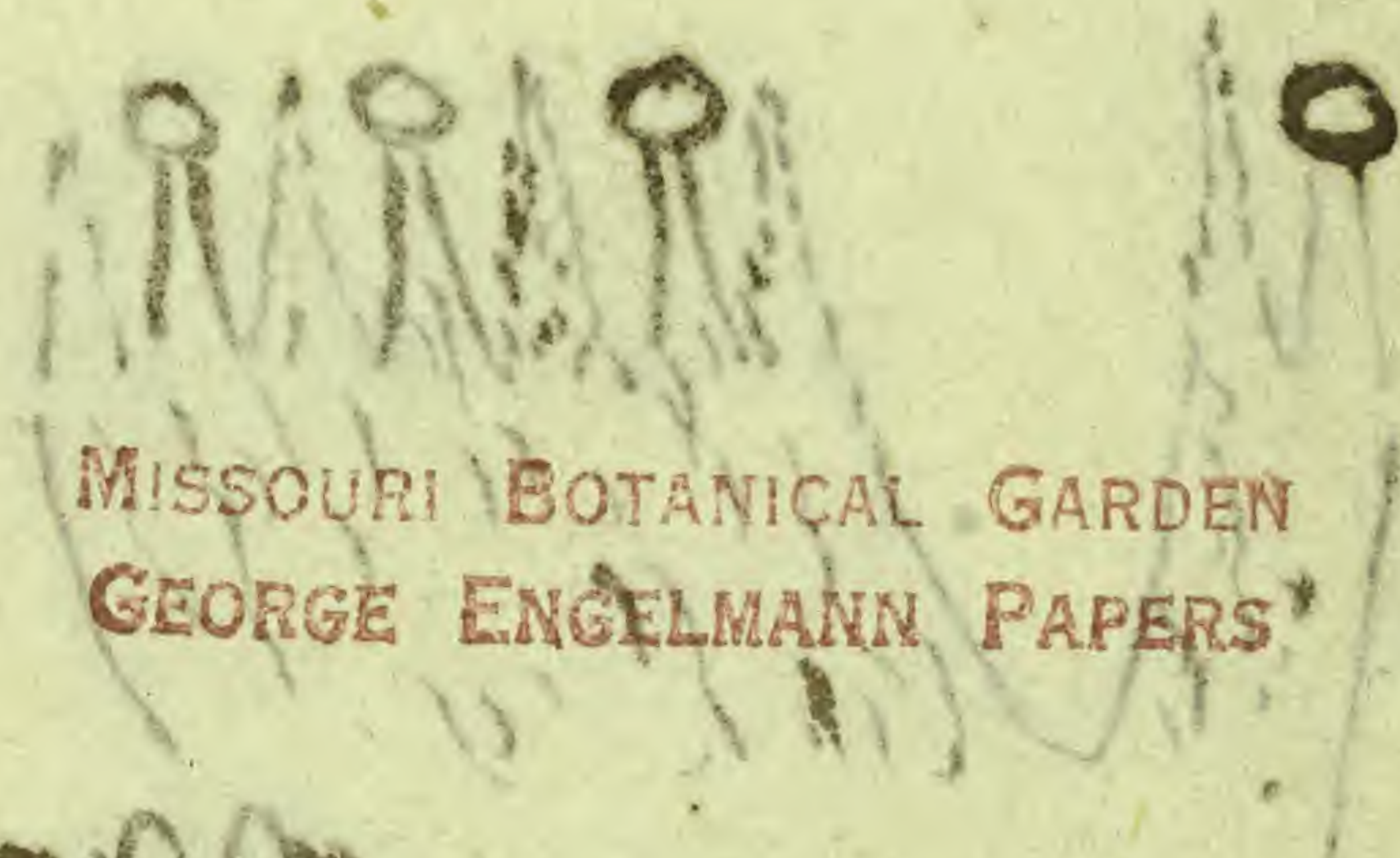
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3



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Involucrum *praeputium* (0.4)  
 dors. prof. fissis  
 pilosis; gl. minutis  
 longe stipitatis laciniis  
 annulatis pilosis aequant.  
 stylis entis. laciniis  
 apice bifidis  
 pilos aequant. super  
 caps. pilos.

2 cm 0.3. ovatis  
 acutis angulatis  
 sub rugosis



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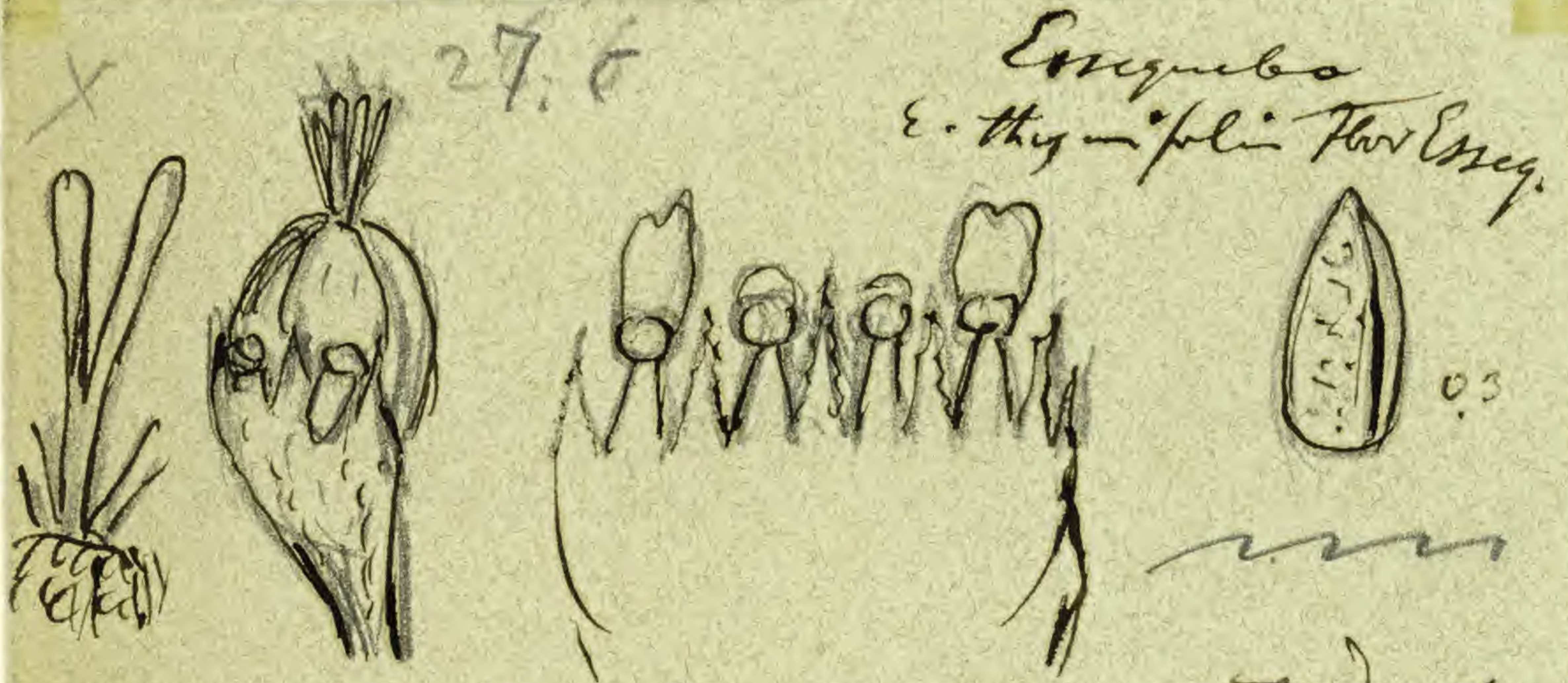
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caute dentatus  
 portula foliis oblongo-linearibus  
 basi oblique cordatis, obtusiusculis  
 supra nervis infra cum stipulis  
 subulatis s. lanceolatis hinc autem  
 pubescentibus in his oblique  
 involucris <sup>pubescentibus</sup> in glomeris pseudo-  
 corymbis subaphyllis corymbis  
 glandulis inaequaliter appressis  
 latis (stachydis longius appressis)  
 laciniis lanceolatis acutis  
<sup>subnullis</sup> caps. obovatis pubescentibus; stylis  
 bifidis, ad basin fissis, styg. clavellatis  
 sem. ruguloso perispermis 0.3" -



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*Euph. callitrichoides*

276

Hort. Griseb. fide Klotzsch



involucro obliquo, dorso fixo;  
stylis erectis semibifidis  
ovarii aequantibus, stigma  
glauco-latis; capsula puberula  
(undique, non solum dorso & <sup>angulis</sup>  
acutis angulatis, in involucro  
subsessilibus; seminis acutis  
transverse rugosis; angulis  
acutis vix crenatis.

ramis prostratis caule stipulis, involucris  
capsulisque minutis puberulis; foliis  
glabris; basi oblique cordatis, ovato-oblongis  
s. oblongo-linearibus, integerrimis s. vix  
apice serratis; stipulis lanceolatis



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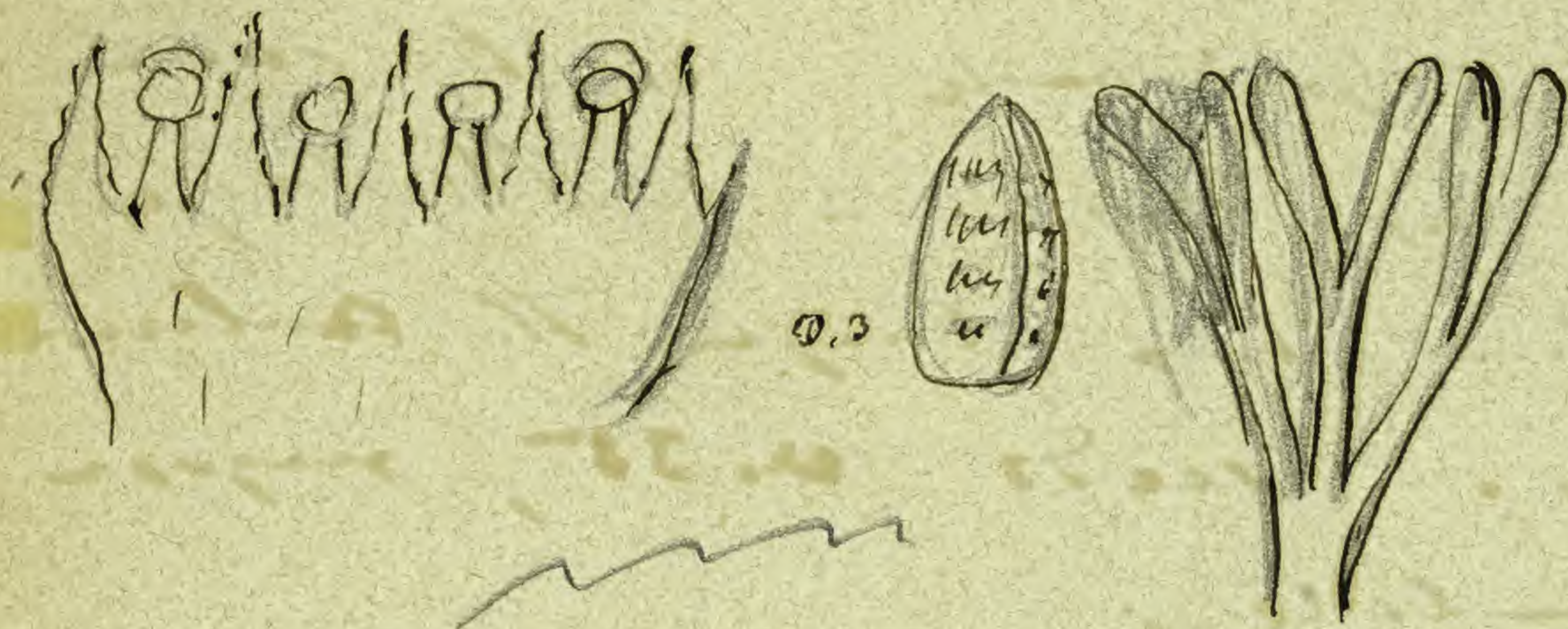


X 28.8

Euphorbia

Surinam

Herb. Humboldt



perennis! Rhizoma lignosum!  
 caule prostrato, bitracte puberulo,  
 foliis oblique lineari oblongis  
 obtusis dentatis, basi subcordatis,  
 glabris;  
 stipulis lanceolatis linearibus  
 ciliatis;  
 glomerulis pseudovaxillariis,  
 subnatis; spicam floralem formantem  
 involucri puberulis oblique  
 3 line longis, laciniis pilosis glandulosis  
 triplicatis subsuperantibus; glandulis  
 anterioribus nudis, posterioribus  
 anguste appendiculatis.  
 stylis basi connatis (stigma clavatum  
 caeterum)  
 ovarioequalibus crectis;  
 caps. pyramidal acute angulatis  
 puberulis; subsessilibus;  
 sem 0.3 li long, transversis rugosis undulatis



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The plant from Guadalupe  
ex herb Grisebach is the same  
only appendages a little larger,  
posterior ones larger than anterior  
ones; seeds ex. 35, rugose  
granulate;

leaves quite strongly ~~rugose~~  
dentate; spotted!

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27.5

Tenella

vest



0.4

"Euph. diffusa"

Bahia Blanchet

tota pubescens; foliis basi valde  
oblique cordatis ovatis obtusis  
derratis

stipulis lanceolato linearibus  
radiatis

glomerulis pseudopaxillatis subulatis  
bracteosis nec foliaceis, villosulis

involucris obliquis dorso fissis 0.3"

glabris anterioribus anguste  
marginatis, posterioribus late alato  
appendiculatis, lobos rotatos  
aequantibus;

stylis ovario caesuris aequalibus  
basi connatis, ad apicem bifidis,  
stigma lobellatis;

caps. subsessili erecta

pyram. acutangula pubescentia  
sem. 0.4. acutangula transversa  
undulato rugosis, s. costatis.



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Tinella Humboldt

angustifolia, glaberrima  
integerrima

angust. integriss. glaberrim. sem. verruc.  
1. angust. 2. integ. 3. glabr. 4. inappari. 5. sem. verruc.  
6. lat. 7. serrat. 8. pub. 9. appari. 10. sem. rugos.

1. Poeppig, Amazo. 1. 2. 3. 4. 5.

2. Hb. Griseb. Ecuador 1. 2. 3. 4. 10

3. Surinam 4 1. 7. 3. 4. 10.  
9.

4. Essequibo. 1. 7. 8. 9. 5

5. Bahia 6. 7. 8. 9. 10

1847

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inappari. & Appari

sem verruc. & rugosa

fol angusta & lata, glabr. & pubes.



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*Euph. microphylla*

Lam.

fine ipseus herb

Ex hb. Ventenat -

Ind. or.

Hb. Delenest



caulis pilosus - pubescent

foliis minutis lanceolatis  
 integerrimis subtus pilosis  
 stipulis lanceolatis fere  
 autem latius glomeratis  
 pubescentibus  
 apicibus majoribus  
 ovar. raris  
 stylis longioribus



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157

350

*E. parviflorum* L. V*E. decumbens* Willd herb*E. alsinoides* M. g 1557~~*E. cuneata* Blum~~*Tithymalus erectus* Durm Jyfl  
near Westman 105. f. 2*E. thymifolia* Dne Timor*E.* manganig- Peter*E.* no 314 Madagascar  
Bernier

(1864)

569-70



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355

1557 *Euph. alsinoides* Mig. <sup>29</sup> 11

Mont Nilagiri Soil on  
ed. Hohenacker.

I can not distinguish the fr  
*P. decumbens*, Willd and thinks  
~~that~~ this is sufficiently distinguishable  
fr *P. hypensiplex*

This seems to be *P. parviflora*  
L.  
which name in that case would  
be the oldest!



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35.c



Euph. decumbens Willd.

W. Suppl. p. 27. ~~tab.~~

India, Klein 1899.

No 9282

glabrescens, petula s. diffusa  
 foliis <sup>obovatis</sup> ovatis obtusiusculis, glabris  
 serratis; ramulis novellis puberulis  
 foliis stipulis lanceolatis ciliatis  
 pubescentibus  
 glomerulis densis multifloris  
 subphyllis pedunculatis s.  
 subsessilibus pseudoxillaribus  
 involucris parapsidatis;  
 primariis majoribus, cum  
 glandulis late orbiculato-  
 appendicatis.  
 posterioribus minoribus, glandulis  
 rudis stipitatis, minutissimis;  
 stylis albis rudis bifidis,  
 ramis filiformibus ramosis  
 ovario fere longioribus;  
 caps. obtusius angulatis glabrescentibus  
 sem. ovatis rubello-lanceis

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*transverse undulatis*

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Leaves 6-9 inch long 3-5 inch

apparently intermediate between  
*E. hypericifolia* & *E. pilulifera*.  
near the latter but distinguished  
by the form of the leaves,  
larger seed etc. - This is  $\alpha$ .  
~~caerulescens~~ and the 2 following are  $\beta$ . pubescens

*E. hypericifolia* Willd.

Droser, Madagastan. herb. reg Berl.  
is the same plant, only stems and lower  
side of leaves more hairy,  
capsules hairy,  
leaves obovate,  
almost entire  
very slightly acutish  
seed ashy gray a little darker  
than in the Indian plant



*E. hypericifolia* Mozambique, Peters  
- Herb. Berlin

also belongs here; stems and  
lower sides of leaves pubescent.  
leaves subcordate, acutish,  
entire or serrate (upper ones)  
seeds 0.55, reddish! same difference of  
involucres



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158

29

*Euph. prostrata* Ait Hort Kew.

*E. tenella* HBK !

*C. callitrichoides* HBK !

571-580



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London Aug 19<sup>th</sup> 1857

*Euphorbia prostrata* - Hb. Banks from  
Hort Kew, therefore certainly  
Aiton's original, is the plant  
I have all along named so -  
but <sup>almost</sup> ~~as~~ smooth large straggly  
garden form.



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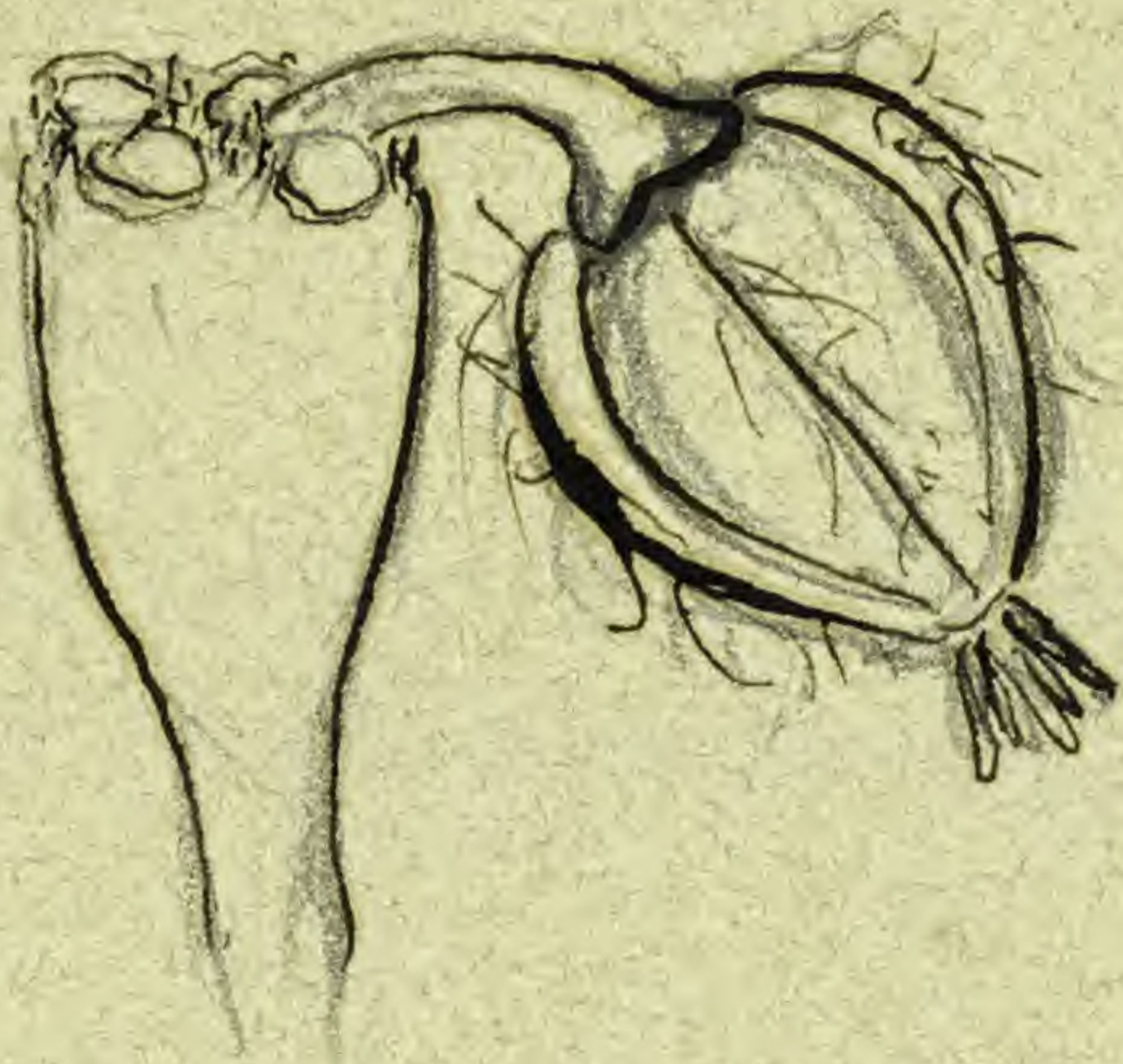
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24

*Euphorbia prostrata*

Guadeloupe

Herb. Grisebach

*anua?* glabrescens, ~~foliis~~  
 caule bilineati puberulo,  
 foliis ovatis parvis glaucis  
 vix serratis, stipulis subornatis  
 ciliatis;  
 involucri in glomerulos paucifloros  
~~pro~~ latentes congesti, subobovatis;  
 glabris, ~~margine ad lobos ciliatis?~~  
 lobis ovatis triangularibus ciliatis;  
 glandulis vix appendiculatis; invol  
 dorso parum fissis;  
 stylis erectis brevibus;  
 capsula ad angulos acutos  
 pilosa; sem. 0.4 acute rugosi  
 rotati angulis ciliatis.

This is a ~~young~~ *E. prostrata*



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only with smaller smoother  
less serrate leaves.

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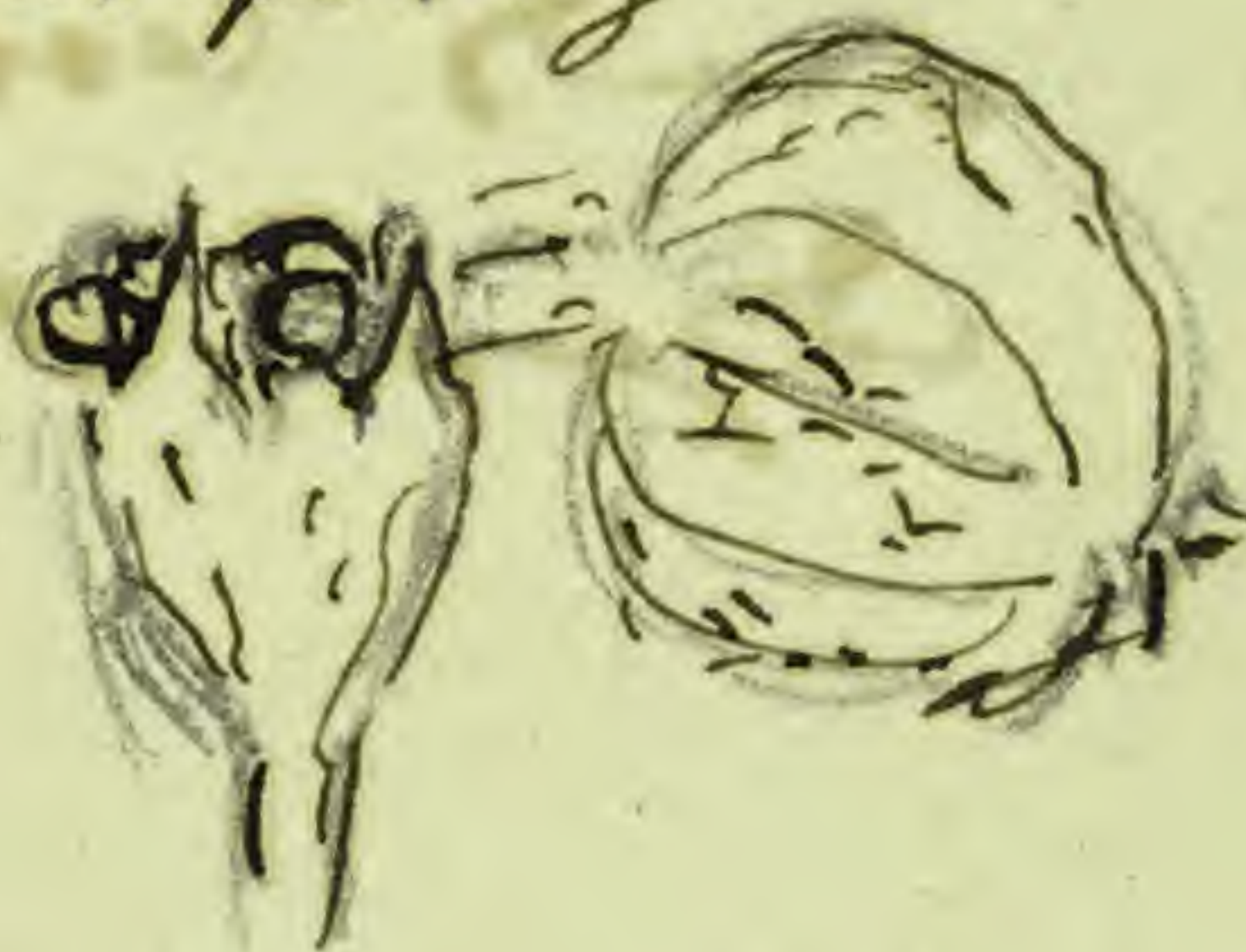


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298. prostrata

Impatiens schiede  
in Herb. Götting



involucrum 0.3 li long.

1 or 1 1/4 li long

leaves ovate oblong, very obtuse  
serrate glabrous or slightly  
pubescent; involucrum  
0.3 li long, glabrous without appendages  
lobes long, triangular; styles  
short deeply bifid, stigma clavate  
caps sharply angled hairy;  
seeds 0.4 or 0.45 long, sharply  
angled and sharply wrinkled  
angles crenate.

Euph. callitrichoides HBK

fide Schlechtend.

over



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seeds less notched at the  
dys, sometimes entire

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